

# Chemical Technician

PROGRAM CODE: 10-603-1



Associate Degree

**Location:** Downtown Milwaukee Campus**Start Date:** August**Admission Requirement:** High school diploma or equivalent**Academic Preparedness Requirements:** One year of high school-level chemistry, and advanced algebra or MATH-116 College Technical Mathematics 2**Financial Aid Eligible:** Yes. Use code 003866 at fafsa.gov.

## Program Description

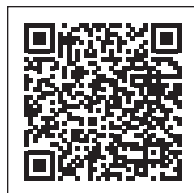
Chemical technicians assure the quality of the products made in the manufacturing, chemical and allied industries. This program trains you to perform as an analyst or chemist's assistant in various industries.

## Career Outlook

Employment prospects for program graduates are strong, locally and nationally. Most graduates work in labs, in research and development, or in technical assistance.

## Program Learning Outcomes

- Apply knowledge of chemical apparatus, equipment and procedures.
- Work precisely in solution making.
- Communicate and receive precise chemical data and procedures.
- Practice laboratory safety procedures.
- Use software for instrument operation and data handling.

**Complete Program Details****QUESTIONS?** 414-297-6319 or [stempathway@matc.edu](mailto:stempathway@matc.edu)

## COURSES

## CREDITS

<b>CHEMT-101</b>	Chemical Laboratory/Process Safety ‡ ^ .....	2
<b>CHEMT-103</b>	Introduction to Chemical Technology ^ .....	2
<b>CHEMT-111</b>	General Chemistry 1 ‡ ^ .....	5
	(or) CHEM-211 Chemistry 1 ‡	
<b>ENG-195</b>	Written Communication ‡ ^ .....	3
	(or) ENG-201 English 1 ‡	
<b>CHEMT-105</b>	Introduction to Instrumental Methods ^ .....	3
<b>CHEMT-112</b>	General Chemistry 2 ‡ ^ .....	5
	(or) CHEM-212 Chemistry 2 ‡	
<b>ENG-197</b>	Technical Reporting ‡ ^ .....	3
	(or) Any 200-level ENG or SPEECH course	
<b>PHYS-139</b>	Survey of Physics .....	3
<b>CHEMT-107</b>	Industrial Methods of Analysis ‡ .....	2
<b>CHEMT-116</b>	Instrumental Analysis ‡ .....	5
	(or) CHEM-216 Instrumental Analysis ‡	
<b>CHEMT-117</b>	Organic Chemistry 1 ‡ .....	3
	(or) CHEM-217 Organic Chemistry 1 ‡	
<b>CHEMT-119</b>	Organic Chemistry Laboratory 1 ‡ .....	2
	(or) CHEM-219 Organic Chemistry Laboratory 1 ‡	
<b>ELECTIVES</b>	(Two credits) .....	2
<b>PSYCH-199</b>	Psychology of Human Relations .....	3
	(or) Any 200-level PSYCH course	
<b>CHEMT-109</b>	Chemical Processes ‡ .....	3
<b>CHEMT-115</b>	Quantitative Analysis ‡ .....	5
	(or) CHEM-215 Quantitative Chemical Analysis ‡	
<b>CHEMT-118</b>	Organic Chemistry 2 ‡ .....	3
	(or) CHEM-218 Organic Chemistry 2 ‡	
<b>ELECTIVES</b>	(Three credits) .....	3
<b>SOCSCI-197</b>	Contemporary American Society .....	3
	(or) Any 200-level SOCSCI or HIST course	

## CREDITS

Total credits needed to complete this degree

60

‡ Prerequisite required.

^ Counts toward earning the Science Processing Technician technical diploma.

Program curriculum requirements are subject to change.

Current MATC students should consult their Academic Program Plan for specific curriculum requirements.

MATC courses are offered in person, entirely online or partially online.

Check each course's delivery options in Self-Service at [selfservice.matc.edu](https://selfservice.matc.edu).